



Frequency Inverter for Elevator Drives



Flux-vector-controlled frequency-inverter with space-vector PWM state machine for minimum switching losses

Easy commissioning by built-in 4 row display, external laptop-computer or external control device MICOterminal

Digital wiring to the elevator controller by RS 232, CAN Bus, Liftbus, DCP

Each case one size for inverters from 25 – 100A nominal Intigrated Main-Filter up to 50A

Minimal switching losses due to digital signal processor (DSP) for state-of-the-art flux-vector-controlled technology

Fully digital: no direction switching contactors required 4-Quadrant controlled



Connection to incremental encorder with HTL or TTL/RS 422 interface	Direct approach Open/closed loop function
Easy for commissioning by four push buttons with a four row LCD. Alternatively with laptop-computer and RS 232 / RS 485 serial interface, CAN-bus or DCP-interface	Driving of gearless and synchronous machines Six driving speeds Six output relays with potential-free contacts
Multilingual plain text display of all operating conditions over four-row display	Parameter adjusting by means of PC soft-ware MICOview for on-line documentation and real-time driving-curve representation
Error memory for up to 100 failure messages with unique analysis and storage of all operating conditions, including time stamp	Evacuation-system with batteries
Radio interference supression according to EN 12015 and EN 12016	Mains 230, 400, 415 VAC, +10/-15%; 50Hz or 60Hz Body: 42 x 31 x 23 cm

Automatic braking distance precalculation

Nennstrom (eff.)	Max. Strom (eff.)	Bremswiderstand
Nom. Current	Max. Current	Braking Resistor
25 A	35 A	Ext.
50 A	75 A	Ext.
75 A	114 A	Ext.
100A	150 A	Ext.

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